Index of Claims

Application/Control No.

10/708,705

Examiner

Douglas W. Owens

Applicant(s)/Patent under Reexamination

CHIU ET AL.

Art Unit

2811

| 1 | Rejected |
|---|----------|
| 1 | Allowed  |

(Through numeral) Cancelled Restricted

| Z | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
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| 0 | Objected |

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|---------------------------------|--|--|----------|--------------|----------|--------------|--------------|--|--------------|-----------------|
| Cla                             | im   | 1  |          |              |          | Date         |              |  |              | _               |
| Ciè                             |  | -  | _        |              |          | Jait         |              |  |              | Н               |
| <u>,</u>                        | Original   | 5/10/05  | 9        |              |          |              |              |  |              | i               |
| Final                           | Ē  | 70   | 11/      |              |          |              |              |  |              |                 |
| "                               | Õ  | Ŋ  | 1/       |              |          |              |              |  |              |                 |
| 1                               | 1  | 1  | =        | -            | -        | _            |              |  |              | Н               |
| 2                               | 1<br>2<br>3<br>4<br>5<br>6<br>7                          | 7  | =        |              |          |              |              |  |              | П               |
| 2<br>3<br>4<br>5<br>6<br>7<br>8 | 3  | 1  | =        |              |          |              |              |  |              |                 |
| 4                               | 4  | 1  | =        |              |          |              |              |  |              |                 |
| 5                               | 5  | 1  | -        |              |          |              |              |  |              |                 |
| 6                               | 6  | 1  | =        |              |          |              |              |  |              | Ш               |
| 7                               | 7  | 1  | =        |              |          |              |              |  | _            |                 |
| 8                               | 8  | 1  | =        |              | _        |              |              |  | _            |                 |
| 9                               | 9  | 1  | =        |              | <u> </u> |              |              |  | <u> </u>     | Щ               |
|                                 | 10   | V  | <u> </u> | -            |          |              |              | _  |              | Ш               |
|                                 | 11   | <u>\</u>   | <u> </u> | <u> </u>     |          |              |              | <u> </u>   |              | Н               |
|                                 | 10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19 | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \            | -        | $\vdash$     | ├        | $\vdash$     | _            | H  | _            | Н               |
| -                               | 14   | J  | $\vdash$ | ├            | ├        |              | <del> </del> | -  | <del> </del> | $\vdash\vdash$  |
|                                 | 15   | 1  | -        | <del> </del> | $\vdash$ | <del> </del> | <del> </del> | $\vdash$   | <u> </u>     | Н               |
|                                 | 16   | Ť  | -        | -            | -        | $\vdash$     | $\vdash$     | $\vdash$   | -            | Н               |
|                                 | 17   | ij   | $\vdash$ | $\vdash$     | -        | <del> </del> | $\vdash$     | -  | -            | Н               |
|                                 | 18   | <del>                                     </del> | H        | ┢            | $\vdash$ | H            |              | <del>                                     </del> | $\vdash$     | $\vdash$        |
|                                 | 19   | $\vdash$   |          | $\vdash$     | $\vdash$ | Н            | $\vdash$     |  | $\vdash$     | $\vdash$        |
|                                 | 20   |  |          | $\vdash$     | $\vdash$ | _            | $\vdash$     |  | -            |                 |
|                                 | 21   | $\vdash$   |          |              |          |              |              | $\vdash$   | $\vdash$     | П               |
|                                 | 22   |  |          |              |          |              |              |  |              |                 |
|                                 | 21<br>22<br>23   |  |          |              |          |              |              |  |              |                 |
|                                 | 24   |  |          |              |          |              |              |  |              |                 |
|                                 | 25   |  |          |              |          |              |              |  |              |                 |
|                                 | 24<br>25<br>26<br>27<br>28<br>29<br>30                   |  |          |              |          | _            |              |  |              |                 |
|                                 | 27   |  | _        |              | _        | _            | _            |  |              | Ш               |
|                                 | 28   |  | <u>L</u> | <u> </u>     |          | <u> </u>     |              |  | _            | _               |
|                                 | 29   |  |          | <u> </u>     | _        | _            |              | _  | <u> </u>     |                 |
|                                 | 30   | _  | _        |              | _        | <u> </u>     | <u> </u>     | _  | <u> </u>     | $\sqcup$        |
|                                 | 31   | <del> </del>                                     | <u> </u> | <u>ا</u>     | <u> </u> |              | <u> </u>     | <del> </del>                                     | <u> </u>     | $\vdash \vdash$ |
|                                 | 32<br>33   | <del> </del>                                     | -        | <del> </del> | ├-       | <u> </u>     | $\vdash$     | -  | -            |                 |
|                                 | 34   | ├  | ⊢        | ├            | ├        | ├-           | ├-           | ├—   | <del> </del> | -               |
|                                 | 34<br>35   | $\vdash$   | $\vdash$ | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$     | $\vdash$   | $\vdash$     | Н               |
|                                 | 36   | $\vdash$   | $\vdash$ | $\vdash$     |          | $\vdash$     | $\vdash$     | $\vdash$   | $\vdash$     | $\vdash \vdash$ |
|                                 | 37   | $\vdash$   |          |              |          | $\vdash$     | H            |  | $\vdash$     | H               |
|                                 | 38   | <del>                                     </del> | _        | <b>!</b>     |          |              |              |  |              | H               |
|                                 | 39   | <u> </u>   |          |              |          |              | Г            |  | Г            | П               |
|                                 | 40   |  |          |              |          |              | Г            | Ι  | Г            | П               |
|                                 | 41   | L  |          |              |          |              |              |  |              |                 |
|                                 | 42   |  |          |              |          |              |              |  |              |                 |
|                                 | _43  | 匚  |          | L            |          |              |              |  |              |                 |
|                                 | 44   |  | _        | <u></u>      |          |              |              | <u> </u>   | _            |                 |
|                                 | 45   | <u> </u>   | L        |              |          | <u>L</u>     |              |  |              |                 |
|                                 | 46   | <u> </u>   | <u> </u> | <u> </u>     | <u> </u> | _            | _            | <u> </u>   |              | Ш               |
|                                 | 47   | <u> </u>   | _        |              | <u> </u> | L            | <u> </u>     | <u> </u>   | _            | Ш               |
|                                 | 48   |  | <u> </u> | <u> </u>     | <u> </u> | _            | <u> </u>     | _  | <u> </u>     |                 |
|                                 | 49   | <u> </u>   |          |              |          | <u> </u>     | <u> </u>     | <u> </u>   | <u> </u>     |                 |
|                                 | 1 5O   |  |          |              |          |              |              |  |              |                 |

| la       | im             | Date    |         |          |          |              | Claim Date |   |          |                |   | •        |          |                 |          |   |   |   |          |   |          |   |
|----------|----------------|---------|---------|----------|----------|--------------|------------|---|----------|----------------|---|----------|----------|-----------------|----------|---|---|---|----------|---|----------|---|
| Ť        |                |         |         |          |          |              |            |   |          |                |   |          |          | П               |          |   | Ī |   |          |   |          |   |
|          | na             | 90      | 04      |          |          |              |            |   |          |                |   | <u>a</u> | na       |                 |          |   |   | 1 |          |   |          |   |
| ļ        | Original       | 5/10/05 | 7/11/04 |          |          |              |            |   |          |                |   | Final    | Original |                 |          |   |   |   |          |   |          |   |
|          | 0              | Š       | 1/      |          |          |              |            |   |          |                |   | _        | 0        |                 |          |   |   |   |          |   |          |   |
| ┪        | 1              | 1       | Ξ       |          | -        | Н            |            | _ |          | <del>  -</del> |   |          | 51       | H               | -        |   |   |   |          |   | H        | _ |
| -        | <del>-</del> - | 1       | =       |          | -        | -            |            |   | _        | <u> </u>       |   |          | 52       | $\vdash$        | $\dashv$ |   |   | _ |          |   | $\dashv$ | _ |
| +        | 2              | 1       | =       | -        | _        |              |            | _ | _        | -              |   |          | 53       | Н               | $\dashv$ |   |   |   |          | - | $\dashv$ |   |
| -        | 4              | ì       | =       |          | -        | -            |            | _ | _        | -              |   |          | 54       | H               | $\dashv$ |   | _ | - | -        |   |          | - |
| ┪        | 5              | Ì       | =       |          |          |              |            |   |          | -              |   |          | 55       | $\vdash$        |          | _ |   |   |          | - |          |   |
| +        | 6              | 1       | =       |          | -        |              |            |   |          | <del> </del>   |   |          | 56       | $\vdash$        | -        |   |   | - |          |   | $\dashv$ |   |
| ┥        | 7              | 1       | =       |          | -        |              |            | - |          | -              |   |          | 57       | $\vdash$        | $\dashv$ |   | _ | _ |          | - | $\dashv$ |   |
| $\dashv$ | 8              | 1       | =       |          | _        | Н            |            | _ | _        | -              |   |          | 58       | -               | $\dashv$ |   |   |   |          |   | $\dashv$ |   |
| $\dashv$ | 9              | V       | =       |          | _        |              |            |   | _        | _              |   |          | 59       | $\vdash$        | -        | _ |   |   |          |   | -        |   |
| $\dashv$ | 10             | V       | -       |          | <u> </u> |              |            |   | _        | _              |   |          | 60       | $\vdash$        |          |   |   |   |          |   |          | - |
| -        | 11             | 7       | _       |          |          |              |            | _ |          |                |   |          | 61       | $\vdash$        | $\dashv$ | _ |   | _ | _        | _ | -        | - |
| ┥        | 12             | 7       | _       |          | _        |              |            | _ |          |                |   |          | 62       | $\vdash$        | $\dashv$ |   |   |   |          |   |          |   |
| $\dashv$ |                | 7       | _       | _        | _        | _            |            |   |          | <u> </u>       |   |          | 62       | $\vdash$        | $\dashv$ | _ |   |   |          |   |          |   |
| -        | 13<br>14       | 1       | _       | _        |          | _            |            | _ |          |                |   | -        | 63<br>64 | $\vdash$        | $\dashv$ |   |   | _ | -        |   | $\vdash$ |   |
| -        |                |         |         |          | _        | _            |            | _ | _        | _              | ŀ |          | 04       | $\vdash$        |          |   |   | _ |          |   |          |   |
| 4        | 15             | 1       |         | _        |          | -            |            |   |          |                | ĺ |          | 65       | $\vdash$        |          |   |   |   |          |   | Н        |   |
| 4        | 16             | 7       |         | <u> </u> | _        |              |            |   | -        | _              | ŀ |          | 66       | $\vdash$        | _        | _ |   |   |          |   | _        |   |
| 4        | 17             | ٧       |         | _        |          |              |            |   | <u> </u> |                | l |          | 67       | $\vdash$        | $\dashv$ |   |   |   |          |   |          |   |
| 4        | 18             |         | _       | _        | <u> </u> |              |            | _ | ⊢        |                | ŀ |          | 68       |                 | -        |   |   |   |          |   |          |   |
| 4        | 19             |         | _       |          | $\vdash$ |              | _          |   | _        | _              | l |          | 69       | $\vdash \vdash$ | -        |   |   |   | _        |   |          |   |
| _        | 20             |         |         |          |          |              | _          |   | <u> </u> |                | ļ |          | 70       |                 | _        |   |   |   |          |   |          |   |
| 4        | 21             |         |         | _        | _        |              |            |   |          |                | l |          | 71       |                 | -        |   |   |   |          |   |          |   |
| 4        | 22             |         |         |          | _        | L.           |            |   | <u> </u> | _              | l |          | 72       | $\vdash$        | $\dashv$ |   |   |   |          | _ |          |   |
| 4        | 23             |         |         | _        | _        |              |            |   | <u> </u> | <u> </u>       |   |          | 73       | Ш               | _        |   |   |   | _        |   |          |   |
| _        | 24             |         |         | _        | <u> </u> |              |            | _ | <u> </u> |                | ŀ |          | 74       |                 |          |   |   |   |          |   |          |   |
| 4        | 25             |         |         | <u></u>  |          |              |            |   | _        |                |   |          | 75       | Ш               |          |   |   | _ |          |   |          |   |
| 4        | 26             |         |         | _        | L.       |              |            |   | _        |                | ŀ |          | 76       | Ш               | _        |   |   |   | $\vdash$ |   |          |   |
| _        | 27             |         |         |          | _        |              |            |   | _        |                | ŀ |          | 77       |                 | _        | _ |   |   |          |   | ļ.,      |   |
| 4        | 28             |         |         | L        | <u> </u> |              |            |   | _        |                | ŀ |          | 78       | Ш               | _        |   |   |   |          |   |          |   |
| _        | 29             |         |         | _        |          |              |            |   | <u> </u> |                | ŀ |          | 79       | $\sqcup$        | _        |   |   |   |          |   | Ш        |   |
|          | 30             |         |         | <i>,</i> |          |              |            |   |          |                |   |          | 80       |                 |          |   |   |   |          |   |          |   |
| _        | 31             |         | _       | Ŀ        | _        |              |            | _ |          |                |   |          | 81       | Ш               |          |   |   |   |          |   | Ш        |   |
| _        | 32<br>33       |         | _       | _        |          | _            |            |   | <u> </u> |                | İ |          | 82       | Ш               |          |   |   |   |          |   |          |   |
| _        | 33             |         |         | L        |          | L            |            |   |          |                | ŀ |          | 83       | Ш               |          |   |   |   | <u>.</u> |   |          |   |
| ┙        | 34             |         |         | L        |          |              |            |   |          | L              | ŀ |          | 84       | Ш               |          |   |   |   |          |   |          |   |
| $\sqcup$ | 35             |         |         |          |          | $oxed{oxed}$ |            |   | _        |                |   |          | 85       | $\square$       |          |   |   |   |          |   |          |   |
| $\sqcup$ | 36             |         |         |          |          |              |            |   | L        |                |   |          | 86       | Ш               |          |   |   |   |          |   |          |   |
|          | 37             |         |         |          |          |              |            |   | _        |                |   |          | 87       |                 |          |   |   |   |          |   |          |   |
| $\Box$   | 38             |         |         |          |          |              |            |   |          |                |   |          | 88       | Ш               |          |   |   |   |          |   |          |   |
| ┙        | 39             |         |         |          |          |              |            |   | <u></u>  |                |   |          | 89       | Ш               |          |   |   |   |          |   |          |   |
| Ц        | 40             |         |         |          |          |              |            |   |          |                |   |          | 90<br>91 |                 |          |   |   |   |          |   |          |   |
|          | 41             |         |         |          | _        |              |            |   |          |                |   |          | 91       |                 |          |   |   |   |          |   |          |   |
|          | 42             |         |         |          |          |              |            |   | _        |                |   |          | 92       |                 |          |   |   |   |          |   |          |   |
| [        | _43            |         |         |          |          |              |            |   |          |                | l |          | 93       | $oxed{oxed}$    |          |   |   |   |          |   |          |   |
|          | 44             |         |         |          |          |              |            |   |          |                |   |          | 94       |                 |          |   |   |   |          |   |          |   |
| _        | 45             |         |         |          |          |              |            |   |          |                | 1 |          | 95       |                 |          |   |   |   |          |   |          |   |
|          | 46             |         |         |          |          |              |            |   |          |                |   |          | 96       |                 |          |   |   |   |          |   |          |   |
| _        | 47             |         |         |          |          |              |            |   |          |                |   |          | 97       |                 |          |   |   |   |          |   |          |   |
| 1        | 48             |         |         |          |          |              |            |   |          |                |   |          | 98       |                 |          |   |   |   |          |   |          |   |
| 1        | 49             |         |         |          |          |              |            |   |          |                |   |          | 99       |                 | _        | _ |   |   |          |   |          |   |
|          | 50             |         |         |          |          |              |            |   |          |                | ] |          | 100      | П               |          |   |   |   |          |   | П        |   |
|          |                |         |         |          |          |              |            |   |          |                | • |          |          |                 |          | _ |   |   |          |   |          |   |

| aim     |  |  |  | [  | Date                                  | <u> </u>                              |   |  |   |
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| Origina |  |  |  |  |                                       |                                       |   |  |   |
|         | _  | <u> </u>   | <u> </u>   | ┝  | <u> </u>                              | ┡                                     |   |  | _   |
| 101     | _  | ├  | <del> </del>                                     | _  | <u> </u>                              | ├-                                    | _   |  |   |
| 102     |  | -  | ├  | -  |                                       | -                                     | -   |  |   |
| 103     |  | -  | ⊢  | ┝  | $\vdash$                              | ┝                                     | ⊢   |  |   |
| 104     |  | ├—   | <del> </del>                                     |  | <u> </u>                              | <del> </del>                          | _   | _  |   |
| 100     |  | -  |  |  |                                       | -                                     |   | _  | ⊢   |
| 100     |  | ├-   | -  | -  | ⊢                                     | -                                     | ⊢   | _  | ├-  |
| 107     |  | -  | -  | -  | -                                     | ┝                                     | $\vdash$  |  | ├-  |
| 100     |  |  | <del>  -</del>                                   | ├-   | -                                     |                                       | -   | -  | -   |
| 110     |  | -  | $\vdash$   | $\vdash$   | -                                     | $\vdash$                              |   |  | ├─  |
| 111     |  | ⊢  | ⊢  | _  | -                                     | -                                     |   | -  | -   |
| 112     |  | ├-   |  | <del> </del>                                     | -                                     |                                       | -   | -  | $\vdash$  |
| 112     |  | ⊢  | ├-   | ├  | -                                     | $\vdash$                              | $\vdash$  | $\vdash$   | ┝   |
| 114     | -  | $\vdash$   | $\vdash$   | -  | -                                     |                                       | -   |  | ┢   |
| 115     | $\vdash$   | -  | <del> </del>                                     | <del>                                     </del> |                                       | $\vdash$                              |   | $\vdash$   | -   |
| 116     |  | $\vdash$   | <del>                                     </del> | $\vdash$   | $\vdash$                              | $\vdash$                              | $\vdash$  | $\vdash$   | $\vdash$  |
| 117     | $\vdash$   | ┢  | ┢  | -  | -                                     | <del> </del>                          | $\vdash$  | -  | -   |
| 118     |  | <del>                                     </del> | ┢  |  | -                                     |                                       | -   |  | -   |
| 119     | H  | <del>                                     </del> | H  |  |                                       | $\vdash$                              | -   | -  | -   |
| 120     | $\vdash$   | ╁  | ╁┈   | $\vdash$   | <del> </del> —                        | ┢                                     | -   | -  | $\vdash$  |
| 121     | $\vdash$   | ╁  | ⊢  |  | -                                     | -                                     | <del> </del>  | -  | $\vdash$  |
| 122     | -  | ├  | H  |  |                                       |                                       | $\vdash$  |  | $\vdash$  |
| 123     | ┢  | <del>                                     </del> | H  |  | ┢                                     | $\vdash$                              | -   |  | $\vdash$  |
| 124     | H  | 1  | 1  |  |                                       | -                                     | -   |  | <del>                                     </del>  |
| 125     | $\vdash$   | ╁  | $\vdash$   | $\vdash$   | $\vdash$                              | ┢                                     | _   | _  | -   |
| 126     | _  | $\vdash$   | <del> </del>                                     | <del>                                     </del> | _                                     |                                       | -   |  | $\vdash$  |
| 127     |  | 一  | <del> </del>                                     | 1  | -                                     |                                       | -   |  |   |
| 128     | <u> </u>   |  | <u> </u>   | -  | _                                     |                                       | Ι-  |  | -   |
| 129     |  |  |  |  |                                       |                                       | Г   | Т  |   |
| 130     |  | <b>†</b>   | t  |  |                                       | T                                     | $\vdash$  |  | $\vdash$  |
| 131     | -  | -  |  |  | H                                     |                                       | $\vdash$  | Т  | $\vdash$  |
| 132     |  | t  |  |  |                                       |                                       | _   |  |   |
| 133     |  |  | t  |  |                                       | Ī                                     |   |  | _   |
| 134     |  | İ  |  |  |                                       | T                                     |   |  | $\vdash$  |
| 135     |  | 1  | 1  | 1  | Г                                     | Ι_                                    | $I^-$   |  |   |
| 136     |  |  |  |  | $\Box$                                | T                                     | Π   |  |   |
| 137     | Г  |  |  |  | П                                     |                                       | l   |  |   |
| 138     |  |  |  |  |                                       |                                       |   |  |   |
| 139     |  |  |  |  |                                       |                                       |   |  |   |
| 140     |  |  |  |  |                                       | $\Box$                                |   |  |   |
| 141     |  |  |  |  |                                       |                                       |   |  |   |
| 142     |  | <u> </u>   |  |  |                                       |                                       |   |  |   |
| 143     |  |  |  |  | L                                     |                                       |   |  |   |
| 144     |  |  |  |  |                                       |                                       |   |  |   |
| 145     |  |  |  |  |                                       |                                       |   |  |   |
| 146     |  |  |  |  |                                       |                                       |   | L  |   |
| 147     |  |  |  |  |                                       |                                       |   |  |   |
| 148     |  |  |  | $\Box$   |                                       |                                       |   |  |   |
| 149     |  | 匚  |  | L  |                                       |                                       | <u>.                                    </u>  | L  |   |
| 150     | I  |  |  | i —  | i —                                   |                                       | 1   | ı —  |   |
|         | 101<br>102<br>103<br>104<br>105<br>106<br>107<br>108<br>109<br>110<br>111<br>112<br>113<br>114<br>115<br>116<br>117<br>118<br>119<br>120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130<br>131<br>132<br>133<br>134<br>135<br>136<br>137<br>138<br>139<br>140<br>141<br>141<br>142<br>143<br>144<br>145<br>146<br>147<br>148<br>149 | TE SE        | TE DE        | Te   D   | Te   De   De   De   De   De   De   De | Te   De   De   De   De   De   De   De | E E   D 0   101 102   103 104   105 106   107 108   109 110   111 112   113 114   115 116   117 118   119 120   121 122   123 124   125 126   127 128   129 130   131 132   133 134   135 136   137 138   139 140   141 142   143 144   145 146   147 148   149 149 | E E   D 0   101 102   103 104   105 106   107 108   109 110   111 112   113 114   115 116   117 118   119 120   121 122   123 124   125 126   127 128   129 130   131 132   133 134   135 136   137 138   139 140   141 142   143 144   145 146   147 148   149 49 | E E   D 0   101 102   103 104   105 106   107 108   109 110   111 112   113 114   115 116   117 118   119 120   121 122   123 124   125 126   127 128   129 130   131 132   133 134   135 136   137 138   139 140   141 142   143 144   145 146   147 148   149 - |